## **Amendments to the Claims**

This listing of claims will replace the prior version in the application.

## **CLAIMS**

- 1. (currently amended) A method for preparing electrodes based on activated carbon and carbon nanotubes on a collector, comprising the following steps:
- (a) blending of an initial powdery carbon material <u>comprising activated carbon</u> and <u>carbon nanotubes in and</u> a solvent;
- (b) addition adding of a polymer binder and blending until homogenized to form a paste;
  - (c) drying of the paste;
  - (d) optionally, mixing of the paste; and
  - (e) covering of the collector with the paste.
- 2. (original) The method as claimed in claim 1, in which step a) is carried out by ultrasonication.
- 3. (currently amended) The method as claimed in either of claims 1 and 2 claim 1, in which step a) is carried out at a temperature of at least 50°C.
- 4. (currently amended) The method as claimed in one of claims 1 to 3 claim 1, in which the initial powdery carbon material of step a) is obtained by a method comprising the following steps:
  - (f) dispersion of the carbon nanotubes in a solvent, preferably water;
  - (g) addition of the activated carbon and blending; and
  - (h) drying of the initial powdery carbon material.
- 5. (original) The method as claimed in claim 4, in which the addition of activated carbon is followed by ultrasonication.

6. (currently amended) The method as claimed in one of claims 1 to 5 claim 1, in which the

initial powdery carbon material is a blend of activated carbon and carbon nanotubes, in a

weight proportion ranging from 95/5 to 50/50.

7. (currently amended) The method as claimed in one of claims 1 to 6 claim 1, in which the

binder is an aqueous suspension of PTFE polytetrafluoroethylene or styrene/butadiene.

8. (currently amended) The method as claimed in one of claims 1 to 7 claim 1, in which step

d) is carried out to fibrillation of the binder.

9. (currently amended) A method for preparing a paste based on activated carbon and carbon

nanotubes, comprising steps a) to d) as claimed in one of claims 1 to 8 claim 1.

10. (currently amended) An improved-aging electrode obtained by the method as claimed in

one of claims 1 to 8 claim 1.

11. (original) A supercapacitor comprising at least one electrode as claimed in claim 10.

12. (new) The method as claimed in claim 4 in which said solvent is water.

Respectfully submitted,

Steven D. Boyd

Attorney for the Applicants

Reg. No. 31,000 Tel (215) 419-5270

Customer No.: 31684

4

Date: September 6,2007